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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App. No. : 10/803,527 Confirmation No. 5484
Applicant : David A. Litton et al.
Filed : March 17, 2004
TC/A.U. : 1775
Examiner : Elizabeth D. Ivey

Docket No. : 085.10433-US-B(02-217-2)
Customer No. : 52237

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance Applicant's continued duty of disclosure, the following documents are brought to the Examiner's attention:

International Application No. PCT/US00/21788

D. Zhu, N.P. Bansal, R.A. Miller: "Thermal Conductivity and Stability of $\text{HfO}_2\text{-Y}_2\text{O}_3\text{La}_2\text{Zr}_2\text{O}_7$ Evaluated for 1650°C Thermal/Environmental Barrier Coating Applications" NASA/TM 2003-212544, November 2003

A listing on Forms PTO/SB/08A and PTO/SB/08B is enclosed along with a copy of the non-U.S. documents.

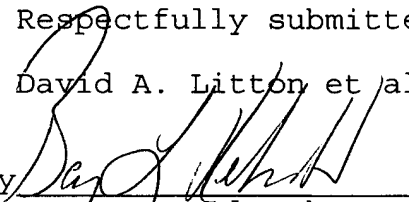
The undersigned hereby certifies that each item contained in this information disclosure statement was first cited in a search report issued on November 24, 2006 in a corresponding European application.

The undersigned submits the above-identified references for independent consideration by the Examiner and does not make any admission that these references are or are not material to the present invention or that these references are or are not prior art with respect to the present invention.

No fee is believed to be due as a result of this submission.
Should the Commissioner determine that a fee is due, he is hereby
authorized to charge said fee to Deposit Account No. 02-0184.

Respectfully submitted,

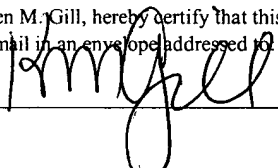
David A. Litton et al.

By 
Barry L. Kelmachter
BACHMAN & LaPOINTE, P.C.
Reg. No. 29,999
Attorney for Applicants

Telephone: (203) 777-6628 ext. 112
Telefax: (203) 865-0297
Email: docket@bachlap.com

Date: February 1, 2007

I, Karen M. Gill, hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313" on **February 1, 2007**.



(Use as many sheets as necessary)

Sheet	1	of	2
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Application Number	10/803,527
Filing Date	March 17, 2004
First Named Inventor	David A. Litton et al.
Art Unit	1775
Examiner Name	Elizabeth D. Ivey
Attorney Docket Number	085.10433-US-B(02-217-2)

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		WO PCT/US00/21788	02-15-2001	Li et al		

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

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Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		D. Zhu, N.P. Bansal, R.A. Miller: "Thermal Conductivity and Stability of HfO ₂ -Y ₂ O ₃ La ₂ Zr ₂ O ₇ Evaluated for 1650°C Thermal/Environmental Barrier Coating Applications" NASA/TM 2003-212544, November 2003	

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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